

What is claimed is

SUB B47

1. A disk system comprising a computer composed of a plurality of disk devices having a first memory storing firmware, and an update program for updating specific information and firmware data of the firmware of said disk devices.

2. A firmware updating method applied in a disk system comprising a computer composed of a plurality of disk devices having a first memory storing firmware, and an update program for updating specific information and firmware data of the firmware of said disk devices, comprising:

a starting step of starting said update program;

a storing step of storing firmware of one of said disk devices into a second memory coupled to said computer, and;

an updating step of transmitting the firmware stored in ~~said memory~~ ^{said second memory} to a disk device to be updated out of said disk devices, and updating to the firmware stored in ~~said memory~~ ^{said second memory}.

3. The firmware updating method of claim 2, wherein

each of said specific information is composed of a model name designating type of each of the disk devices, and a revision number showing the version of the firmware, and;

said storing step is to store firmware of a disk device having a latest revision number.

4. The firmware updating method of claim 2, wherein

each of said specific information is composed of a model name designating

type of each of the disk devices, and a revision number showing a version of the firmware;

said storing step is to store firmware of a disk device having a latest revision number out of the disk devices having same model name of said specific information and different revision numbers, in said memory, and;

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said updating step is to update a disk device having the same model name as the firmware stored in ~~said memory~~ ^{said second memory} and different revision number from the firmware stored in ~~said memory~~ ^{said second memory}.

5. The firmware updating method of claim 2, wherein

each of said specific information is composed of a model name designating type of each of the disk devices, and a revision number showing a version of the firmware;

said storing step is to store firmware of a disk device having a latest revision number in a specified revision number range out of the disk devices having same model name of said specific information, and;

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said updating step is to update a disk device in said specified revision number range, and having the same model name as the specific information stored in ~~said memory~~ ^{said second memory}.

6. The firmware updating method of claim 2, wherein

each of said specific information is composed of a model name designating type of each of the disk devices, and a revision number showing a version of the firmware;

said storing step is to store firmware of the disk device having a latest

revision number out of the disk devices having same model name of said specific information and different revision numbers in a specified revision number range , and;

A said updating step is to update the disk device having the same model name as the firmware stored in ~~said memory~~ ^{*said second memory*} and different revision number in said specified revision number range.

7. The firmware updating method of any one of claims 2, 3, 4, 5, and 6: wherein said starting step is to start up said update program automatically when the power source of the disk system is turned on.

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